



This spreadsheet performs screening level calculations to estimate the effect of peeling leaded paint on the average concentration of lead in yard soil  
3419 Marion Street

| INPUTS                |   | Units  | House    |
|-----------------------|---|--------|----------|
| <i>General</i>        | Variable  |        |          |
|                       | Mixing depth in yard                                  | cm     | 2.54     |
|                       | Mixing depth in yard                                  | inches | 1        |
|                       | Soil density  | g/cm3  | 2.5      |
|                       | RBC in soil   | mg/kg  | 400      |
|                       | Bkg in clean fill                                     | mg/kg  | 50       |
|                       |   |        | Small    |
| <i>House-specific</i> | Area of the exposure unit                             | m2     | 86.95725 |
|                       | Area of the exposure unit                             | ft2    | 936      |
|                       | Concentration of lead in paint                        | mg/cm2 | 27.5     |
|                       | Area of peeling paint                                 | m2     | 3.437412 |
|                       | Area of peeling paint                                 | ft2    | 37       |
| COMPUTATIONS          |   |        |          |
|                       | Mass of lead from paint                               | mg     | 9.5E+05  |
|                       | Volume of soil  | cm3    | 2.2E+06  |
|                       | Mass of soil  | kg     | 5.5E+03  |
|                       | Incremental concentration                             | mg/kg  | 171.2    |
|                       | Maximum acceptable area of peeling leaded paint (m2)  |        | 7.0      |
|                       | Maximum acceptable area of peeling leaded paint (ft2) |        | 75.6     |
| DECISION              |   |        | OK       |

|                     |                             |               |  |
|---------------------|-----------------------------|---------------|--|
| Property ID: 42     | Address: 3419 MARION STREET | Date: 8-17-05 |  |
| Owner:              | Telephone #:                |               |  |
| Inspector/Assessor: | CO Certification #: 12860   |               |  |

**Plot Plan:**

- EXPOSED BRICK  
- WHITE TRIM

Revisited 11.1.05  
Remodeling in progress  
@ this time.  
Porch removed

PORCH AREA CONTAINS PEELING LEAD PAINT

~~$(45+6)(21+6) - 51 \times 27 = 1377$~~

$(21+12)(45+12) - 21(45)$   
 $1881 - 945 = 936$

MARION STREET

|  | Exterior Walls |      |           |            | Doors/Trim |        |           |            |
|--|----------------|------|-----------|------------|------------|--------|-----------|------------|
|  | Material       | Area | Peel/Chip | XRF (Lead) | Material   | Area   | Peel/Chip | XRF (Lead) |
|  | North          |      |           |            |            |        |           |            |
|  | South          |      |           |            |            |        |           |            |
|  | East           |      |           |            | CEMENT     | 3'x4'  | PEEL      | 41.0       |
|  | West           |      |           |            | WOOD       | 10'x4' | PEEL      | 24.9       |

|  | Window Trim/Fascia/Soffit |      |           |            | Patios/Decks/Porches |        |           |            |
|--|---------------------------|------|-----------|------------|----------------------|--------|-----------|------------|
|  | Material                  | Area | Peel/Chip | XRF (Lead) | Material             | Area   | Peel/Chip | XRF (Lead) |
|  | North                     |      |           |            |                      |        |           |            |
|  | South                     |      |           |            | WOOD SOFFIT          | —      | —         | —          |
|  | East                      | WOOD | —         | 27.5       | WOOD COLUMN          | 24'x4' | PEEL      | 27.0       |
|  | West                      |      |           |            |                      |        |           |            |

|  | Metal Trim/Gutters/Downspouts |      |           |            | Misc Structures/Garage/Fences |      |           |            |
|--|-------------------------------|------|-----------|------------|-------------------------------|------|-----------|------------|
|  | Material                      | Area | Peel/Chip | XRF (Lead) | Material                      | Area | Peel/Chip | XRF (Lead) |
|  | North                         |      |           |            |                               |      |           |            |
|  | South                         |      |           |            |                               |      |           |            |
|  | East                          |      |           |            |                               |      |           |            |
|  | West                          |      |           |            |                               |      |           |            |

**August 17, 2005**

## LBP Assessment Results

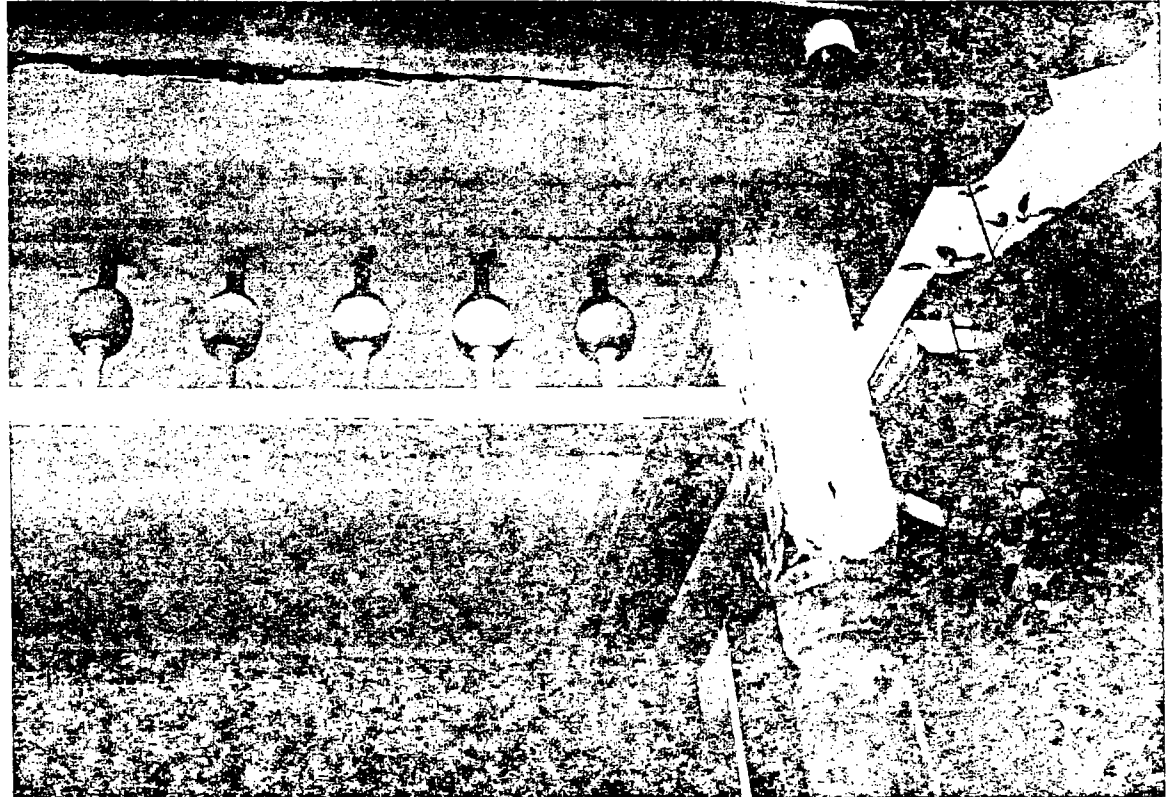
## Strata Environmental Resource

| <b>Time</b>  | <b>Site</b> | <b>Component</b> | <b>Substrate</b> | <b>Side</b> | <b>Condition</b> | <b>Color</b> | <b>Floor</b> | <b>Room</b> | <b>Results</b> | <b>Depth Ind.</b> | <b>PbC</b> | <b>PbC Error</b> |
|--|-------------|------------------|------------------|-------------|------------------|--------------|--------------|-------------|----------------|-------------------|------------|------------------|
| 8/17/2005 7:48   | 42          | COLUMN           | WOOD             | EAST        | PEELING          | WHITE        | FIRST        | PORCH       | Positive       | 2.47              | 27         | 2.4              |
| 8/17/2005 7:49   | 42          | FOUNDATION       | WOOD             | EAST        | CRACKED          | GREY         | FIRST        | PORCH       | Negative       | 1.16              | 0.01       | 0.02             |
| 8/17/2005 7:51   | 42          | RISER            | CONCRETE         | EAST        | PEELING          | GREY         | FIRST        | PORCH       | Negative       | 3.77              | 0.05       | 0.04             |
| 8/17/2005 7:52   | 42          | SOFFIT           | WOOD             | SOUTH       | PEELING          | WHITE        | FIRST        | PORCH       | Negative       | 1                 | 0          | 0.02             |
| 8/17/2005 7:53   | 42          | THRESHOLD        | CONCRETE         | EAST        | PEELING          | GREY         | FIRST        | PORCH       | Positive       | 6.05              | 4          | 0.7              |
| 8/17/2005 7:54   | 42          | WINDOW SILL      | CONCRETE         | EAST        | INTACT           | GREY         | FIRST        | OUTSIDE     | Negative       | 3.58              | 0.27       | 0.09             |
| 8/17/2005 7:55   | 42          | WINDOW FRAME     | WOOD             | EAST        | CRACKED          | WHITE        | FIRST        | OUTSIDE     | Positive       | 2.97              | 27.5       | 2.2              |
| 8/17/2005 7:57   | 42          | FOUNDATION       | CONCRETE         | SOUTH       | CRACKED          | GREY         | FIRST        | OUTSIDE     | Negative       | 4.14              | 0.04       | 0.04             |
| 8/17/2005 7:58   | 42          | WINDOW SILL      | CONCRETE         | SOUTH       | CRACKED          | GREY         | FIRST        | OUTSIDE     | Negative       | 2.58              | 0.29       | 0.08             |
| 8/17/2005 7:59   | 42          | EXT. WALL        | WOOD             | SOUTH       | INTACT           | WHITE        | FIRST        | OUTSIDE     | Negative       | 2.74              | 0.01       | 0.02             |
| 8/17/2005 8:05   | 42          | SOFFIT           | WOOD             | EAST        | PEELING          | WHITE        | FIRST        | OUTSIDE     | Positive       | 8.05              | 24.9       | 2.2              |
| 8/17/2005 8:08   | 42          | TRIM             | WOOD             | NORTH       | INTACT           | BLUE         | FIRST        | PORCH       | Negative       | 1.39              | 0          | 0.02             |
|  |             |                  |                  |             |                  |              |              |             |                |                   |            |                  |
|  |             |                  |                  |             |                  |              |              |             |                |                   |            |                  |
|  |             |                  |                  |             |                  |              |              |             |                |                   |            |                  |
|  |             |                  |                  |             |                  |              |              |             |                |                   |            |                  |
|  |             |                  |                  |             |                  |              |              |             |                |                   |            |                  |
|  |             |                  |                  |             |                  |              |              |             |                |                   |            |                  |
|  |             |                  |                  |             |                  |              |              |             |                |                   |            |                  |
|  |             |                  |                  |             |                  |              |              |             |                |                   |            |                  |
|  |             |                  |                  |             |                  |              |              |             |                |                   |            |                  |
|  |             |                  |                  |             |                  |              |              |             |                |                   |            |                  |
|  |             |                  |                  |             |                  |              |              |             |                |                   |            |                  |
| <b>Note:</b> Readings are in mg/cm <sup>2</sup> .  |             |                  |                  |             |                  |              |              |             |                |                   |            |                  |
|  |             |                  |                  |             |                  |              |              |             |                |                   |            |                  |
| Painted surfaces not tested were assessed to be in 'intact' condition at time of site visit. |             |                  |                  |             |                  |              |              |             |                |                   |            |                  |

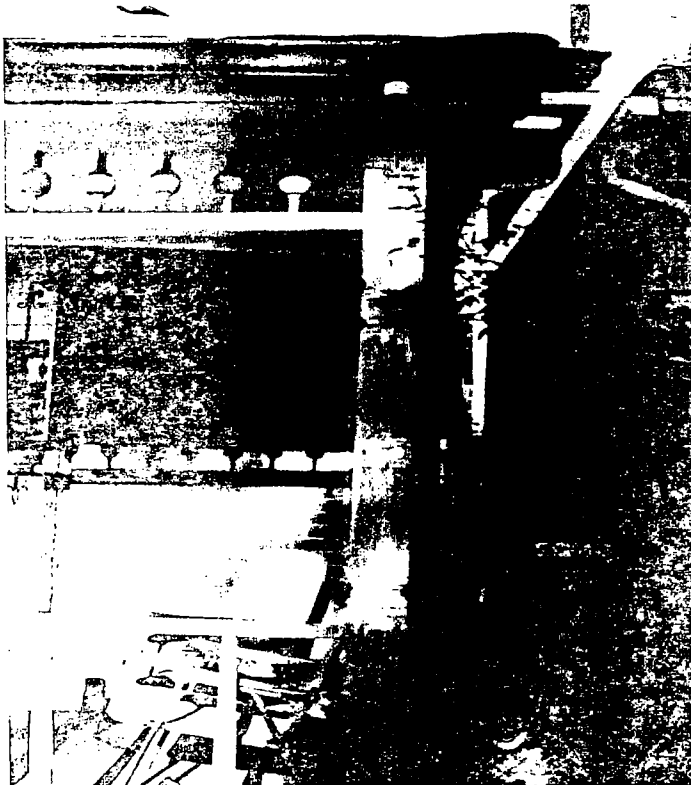
# Property ID # 42 / 3419 Marion Street



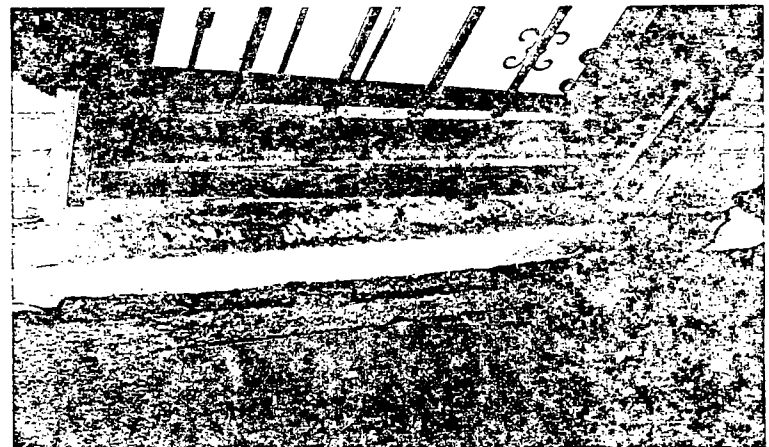
East porch exposure of house



East porch soffit contains peeling lead paint



East porch wood column contains peeling lead paint



East door threshold contains peeling lead paint

**TARGET SHEET**  
EPA REGION VIII  
**SUPERFUND DOCUMENT MANAGEMENT SYSTEM**

DOCUMENT NUMBER: 1051987

SITE NAME: VASQUEZ BOULEVARD AND I-70

DOCUMENT DATE: 08/17/2005

**DOCUMENT NOT SCANNED**

Due to one of the following reasons:

- ☐ PHOTOGRAPHS
- ☒ 3-DIMENSIONAL
- ☐ OVERSIZED
- ☐ AUDIO/VISUAL
- ☐ PERMANENTLY BOUND DOCUMENTS
- ☐ POOR LEGIBILITY
- ☐ OTHER
- ☐ NOT AVAILABLE
- ☐ TYPES OF DOCUMENTS NOT TO BE SCANNED  
(Data Packages, Data Validation, Sampling Data, CBI, Chain of Custody)

**DOCUMENT DESCRIPTION:**

PROPERTY #42 SAMPLES: GREY THRESHOLD, EAST, CONCRETE;  
WHITE SOFFIT, WOOD, EAST  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_